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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,765	11/30/2000	Toshiaki Okabe	108001	1657

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EXAMINER
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SINGH, RACHNA

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 01/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/725,765	OKABE ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Rachna Singh	2176	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 April 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This action is responsive to communications: Amendment filed 9/23/04.
2. Claims 1-14 are pending. Claims 1, 8, 9, 13, and 14 are independent claims.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Egendorf et al., US 2003/0177111 A1, 9/18/03 (filed 1/21/03 (continuation of app filed 11/16/99)).

In reference to claims 1, 8, and 13, Egendorf teaches a method for searching from a plurality of data sources. Egendorf's system comprises the following:

-A method for searching for information in a plurality of information sources connected to a network and specifically to searching databases on the Internet. See page 1, paragraph [0001]. Compare to ***"a document integrated management apparatus. . plural documents stored in plural databases. . comprising:"***

-A set of mechanisms that stores information that relates terms to searchbase categories. These linkages and rules, related sets of searchbase nodes, thereby creating a concept dictionary. A searchbase contains relationships between categories

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and information sources. See page 5, paragraph [0059]. Thus the mechanism manages linkage information among documents in plural databases. See page 6, paragraph [0075]. Egendorf teaches the concept of a searchbase that contains relationships between categories and information sources and the associated descriptive packets. The descriptive packets describe an information source that purports to contain information relevant to the category of that node. The descriptive packets include an identification of the information source and content information. See page 5, paragraph [0059] and pages 5-6, paragraph [0067]. Compare to ***“a linkage information management unit that stores and manages linkage information . . . one or more documents as documents related to each other, the linkage information including at least one identifier of a document set”***.

-A mechanism for creating and storing information about the relationships between different categories and information sources. See page 6, paragraphs [0075]. These linkages and rules, related sets of searchbase nodes, thereby creating a concept dictionary. A searchbase contains relationships between categories and information sources. See page 5, paragraph [0059]. Compare to ***“a document information management unit. . . one or more documents as documents related to each other, the documents being stored in the plural databases, the document information including at least one identifier of a document set”***.

-Providing a plurality of packets wherein each packet is associated with one of a plurality of information sources and includes an identification of the information source and content description. See page 20, claim 11, page 5, paragraph [0059], pages 5-6,

paragraph [0067] and figure 2B. Compare to ***“identifiers of document sets, wherein the linkage information and the document information are linked to each other when the identifier of document set included in the linkage information corresponds with the identifier of document set included in the document information.”*** Egendorf teaches the concept of a searchbase that contains relationships between categories and information sources and the associated descriptive packets. The descriptive packets describe an information source that purports to contain information relevant to the category of that node. The descriptive packets include an identification of the information source and content information. See page 5, paragraph [0059] and pages 5-6, paragraph [0067]. Furthermore, the searchbase can comprise a plurality of descriptive packets, wherein each packet is associated with one of a plurality of information sources. Thus the linkage information and document information are linked to each other using identifiers. The claimed “identifier of the document sets” are taught by Egendorf by his searchbase comprising packets that identify linkage information and document information in that the packets contain information sources that have information relevant to the category of the node. Thus the “packets” serve the same purpose of the claimed invention’s identifiers in that the packets do serve as an identifier of information sources related to a given document set or “searchbase”.

In reference to claim 2, Egendorf discloses a method for searching for information from a plurality of data sources. Egendorf’s system teaches receiving a search request from a user to retrieve information from a plurality of information sources

in accordance with the given search criteria. Egendorf further teaches searching the searchbase with the inquiry to identify any of the plurality of information sources that meet the criteria. See page 20, first column.

In reference to claims 3 and 4, Egendorf discloses a set of mechanisms that store information that relates terms to searchbase categories. These linkages and rules, related sets of searchbase nodes, thereby creating a concept dictionary. A searchbase contains relationships between categories and information sources. See page 5, paragraph [0059]. Thus the mechanism manages linkage information among documents in plural databases. See page 6, paragraph [0075]. Egendorf further teaches providing a plurality of packets wherein each packet is associated with one of a plurality of information sources and includes an identification of the information source and content description. See page 20, claim 11. It is inherent in Egendorf's system that the process of identifying an information source using identification is used as a means to target a database from the plurality of databases. Moreover, the identifier is used to identify the database and provide information from the source.

In reference to claim 5, Egendorf teaches a hierarchical network in which each category element of the network facilitates associations with the element to information source associations. Specifically, Egendorf discloses that the network includes cross-reference and link elements. See page 5, paragraphs [0060]-[0066]. Thus in presenting a hierarchical representation between the linkages, Egendorf teaches a system in which the target document in a search may be a leaf document or an entire set. See page 5, paragraphs [0060]-[0066].

In reference to claim 6, Egendorf teaches using a history database in which the terms are looked up to see it's usage in the past. See page 4, paragraph [0038].

In reference to claim 7, Egendorf teaches that the search request is transformed into queries for the identified information sources, wherein each query is in accordance with the query language and template in the for the information source. See page 8, paragraph [0101].

In reference to claim 9 and 14, Egendorf teaches a method for searching from a plurality of data sources. Egendorf's system comprises the following:

-A method for searching for information in a plurality of information sources connected to a network and specifically to searching databases on the Internet. See page 1, paragraph [0001]. A set of mechanisms that stores information that relates terms to searchbase categories. These linkages and rules, related sets of searchbase nodes, thereby creating a concept dictionary. A searchbase contains relationships between categories and information sources. See page 5, paragraph [0059]. Thus the mechanism manages linkage information among documents in plural databases. See page 6, paragraph [0075]. Providing a plurality of packets wherein each packet is associated with one of a plurality of information sources and includes an identification of the information source and content description. See page 20, claim 11 Compare to ***"selecting a document set identifier by searching for document information on document sets having one or more documents as related documents, the documents being stored in the plural databases, based on designation of***

***document or document set or search data inputted in a common format from a client system, the document information including document set identifiers;”***

-A mechanism for creating and storing information about the relationships between different categories and information sources. See page 6, paragraphs [0075]. These linkages and rules, related sets of searchbase nodes, thereby creating a concept dictionary. A searchbase contains relationships between categories and information sources. See page 5, paragraph [0059].

Egendorf discloses a method for searching for information from a plurality of data sources. Egendorf's system teaches receiving a search request from a user to retrieve information from a plurality of information sources in accordance with the given search criteria. Egendorf further teaches searching the searchbase with the inquiry to identify any of the plurality of information sources that meet the criteria. See page 20, first column. Compare to ***“selecting an access target database. . .corresponding to the selected document set identifier, wherein the linkage information includes document set identifiers”***. Egendorf teaches the concept of a searchbase that contains relationships between categories and information sources and the associated descriptive packets. The descriptive packets describe an information source that purports to contain information relevant to the category of that node. The descriptive packets include an identification of the information source and content information. See page 5, paragraph [0059] and pages 5-6; paragraph [0067]. Furthermore, the searchbase can comprise a plurality of descriptive packets, wherein each packet is associated with one of a plurality of information sources. Thus the linkage information



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and document information are linked to each other using identifiers. The claimed “identifier of the document sets” are taught by Egendorf by his searchbase comprising packets that identify linkage information and document information in that the packets contain information sources that have information relevant to the category of the node. Thus the “packets” serve the same purpose of the claimed invention’s identifiers in that the packets do serve as an identifier of information sources related to a given document set or “searchbase”.

In reference to claim 10, Egendorf discloses a set of mechanisms that store information that relates terms to searchbase categories. These linkages and rules, related sets of searchbase nodes, thereby creating a concept dictionary. A searchbase contains relationships between categories and information sources. See page 5, paragraph [0059]. Thus the mechanism manages linkage information among documents in plural databases. See page 6, paragraph [0075]. Egendorf further teaches providing a plurality of packets wherein each packet is associated with one of a plurality of information sources and includes an identification of the information source and content description. See page 20, claim 11. It is inherent in Egendorf’s system that the process of identifying an information source using identification is used as a means to target a database from the plurality of databases. Moreover, the identifier is used to identify the database and provide information from the source.

In reference to claim 11, Egendorf teaches a hierarchical network in which each category element of the network facilitates associations with the element to information source associations. Specifically, Egendorf discloses that the network includes cross-

reference and link elements. See column 5, paragraphs [0060]-[0066]. Thus in presenting a hierarchical representation between the linkages, Egendorf teaches a system in which the target document in a search may be a leaf document or an entire set. See column 5, paragraphs [0060]-[0066].

In reference to claim 12, Egendorf teaches that the search request is transformed into queries for the identified information sources, wherein each query is in accordance with the query language and template in the for the information source. See page 8, paragraph [0101].

### ***Response to Arguments***

5. Applicant's arguments filed 9/23/04 have been fully considered but they are not persuasive.

Applicant's amendment added the limitations, "the linkage information including at least one identifier of a document set", "the document information including at least one identifier of a document set", and "when the identifier of document set included in the linkage information corresponds with the identifier of document set included in the document information". Egendorf teaches the concept of a searchbase that contains relationships between categories and information sources and the associated descriptive packets. The descriptive packets describe an information source that purports to contain information relevant to the category of that node. The descriptive packets include an identification of the information source and content information. See page 5, paragraph [0059] and pages 5-6, paragraph [0067]. Furthermore, the searchbase can comprise a plurality of descriptive packets, wherein each packet is

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associated with one of a plurality of information sources. Thus the linkage information and document information are linked to each other using identifiers. The claimed "identifier of the document sets" are taught by Egendorf by his searchbase comprising packets that identify linkage information and document information in that the packets contain information sources that have information relevant to the category of the node. Thus the "packets" serve the same purpose of the claimed invention's identifiers in that the packets do serve as an identifier of information sources related to a given document set or "searchbase".

Applicant argues that Egendorf does not disclose identifiers of document sets, wherein the linkage information and the document information are linked to each other when the identifier of document set included in the linkage information corresponds with the identifier of document set included in the document information. Applicant argues that Egendorf teaches identification of the information source and not of the document sets having one or more documents stored in a plurality of databases. Examiner asserts that identification of the information source includes identification of the document sets stored in the plurality of databases. Egendorf teaches the concept of a searchbase that contains relationships between categories and information sources and the associated descriptive packets. The descriptive packets describe an information source that purports to contain information relevant to the category of that node. The descriptive packets include an identification of the information source and content information. See page 5, paragraph [0059] and pages 5-6, paragraph [0067]. Furthermore, the searchbase can comprise a plurality of descriptive packets, wherein

each packet is associated with one of a plurality of information sources. Thus the linkage information and document information are linked to each other using identifiers. The claimed "identifier of the document sets" are taught by Egendorf by his searchbase comprising packets that identify linkage information and document information in that the packets contain information sources that have information relevant to the category of the node. Thus the "packets" serve the same purpose of the claimed invention's identifiers in that the packets do serve as an identifier of information sources related to a given document set or "searchbase".

Applicant argues that Egendorf's information sources refer to plural databases and that Egendorf discloses that a search request is received from a user to retrieve information in accordance with the search criteria. As such, the packet does not include the identifiers of document sets identifying one or more documents stored in the plural database. The descriptive packets describe an information source that purports to contain information relevant to the category of that node. The descriptive packets include an identification of the information source and content information. See page 5, paragraph [0059] and pages 5-6, paragraph [0067]. Furthermore, the searchbase can comprise a plurality of descriptive packets, wherein each packet is associated with one of a plurality of information sources. Thus the linkage information and document information are linked to each other using identifiers. The claimed "identifier of the document sets" are taught by Egendorf by his searchbase comprising packets that identify linkage information and document information in that the packets contain information sources that have information relevant to the category of the node. Thus

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the “packets” serve the same purpose of the claimed invention’s identifiers in that the packets do serve as an identifier of information sources related to a given document set or “searchbase”.

Applicant further argues that Egendorf does not disclose linkage information and the document information are linked to each other when the identifier of document set included in the linkage information corresponds with the identifier of document set included in the document information. As stated above, Egendorf teaches the use of a plurality of packets that identify information sources relevant to a category of the searchbase. The descriptive packets include an identification of the information source and content information. See page 5, paragraph [0059] and pages 5-6, paragraph [0067]. Furthermore, the searchbase can comprise a plurality of descriptive packets, wherein each packet is associated with one of a plurality of information sources. Thus the linkage information and document information are linked to each other using identifiers. The claimed “identifier of the document sets” are taught by Egendorf by his searchbase comprising packets that identify linkage information and document information in that the packets contain information sources that have information relevant to the category of the node. Thus the “packets” serve the same purpose of the claimed invention’s identifiers in that the packets do serve as an identifier of information sources related to a given document set or “searchbase”.

Applicant argues that in order for Egendorf to teach the features, Egendorf would have to disclose that the document information includes a descriptive package. Egendorf does teach that the packet links the categories with identifiers identifying

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information in the information source. Please see explanation above and page 5, paragraph [0059], pages 5-6, paragraph [0067] and figure 2B.

***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rachna Singh whose telephone number is 571-272-4099. The examiner can normally be reached on M-F (8:30-5).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on 571-272-4090.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RS  
01/18/05

  
JOSEPH FEILD  
SUPERVISORY PATENT EXAMINER